

# Spark Gap

Vol. 32, Issue 2, February 2015 *MARC - Serving Central Indiana Communities for thirty-two years*

## On Our MARC...

Hope everyone is staying warm these days. Just a quick reminder, we will be holding another Tech Review Course schedule for March 14<sup>th</sup>. Location will be at White River Township Fire Station 53. The Sheriff's Department was holding a training course at the EOC so we had to change the location. The address for Station 53 is 850 S Mullinix. It's just off Smith Valley and 37.

February Dinner Social will be at Flap Jack's this month. It will be held Feb 11<sup>th</sup>. Please come out to join us. We will start to gather at 5:45 and order about 6:30. March dinner will be at Jockamo's Pizza in Greenwood on Mar 10<sup>th</sup>. Please mark your calendar for that evening. We are going to go back to Tuesday nights in March as many members have requested to change.

I haven't heard yet as to when the Storm Spotter Training class will be but as soon as I hear, I will get it passed on to everyone either by email or on the net. I'm sure that once I find out, Stephanie will want you to reserve your spot so I am going ahead and give you Stephanie's phone number so you have it to call her to let her know that you would like to attend the class. Please call Stephanie at 317-736-9064 to reserve your spot.

See you Saturday and the coffee will be on.

Jacki-KI6QOG  
President

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## FEBUARY BIRTHDAY WISHES TO:

***NC9ULB – Jeff Allen***

***ND9C – Steve Curtis***

***KC9ZMU – Fred Robinson***

***K9THR – Ron Shuetz***

***N9SIU – Bob LaGrange***

## YAESU REPEATER UPDATE

During the MARC meeting of December 20<sup>th</sup> the membership had a strong “YEA” vote to enter into the digital world with the ordering of the newest technology from Yaesu; the DR-1X Analog/Digital repeater. The repeater was ordered December 24<sup>th</sup>. By a return Email January 8, 2015 the order was confirmed. From that Email;

*“...Unfortunately the DR-1X are currently on backorder. They are tentatively scheduled to arrive to our location by the end of February 2015. I will email you as soon as your repeater is shipped, and I will also send you a tracking number.*

*Jose G. Perez  
Yaesu Sales Representative”*

Below is a LINK to a short video from the floor of a Hamfest. The interview is with a technical rep of Yaesu speaking about the DR-1X System Fusion program.

HERE: <http://www.gigaparts.com/systemfusion/Yaesu-DR-1X-System-Fusion-Repeater.html>

Here is another LINK to a Yaesu Web page showing the feature set of this repeater, as well as the technical specs. <http://www.yaesu.com/indexVS.cfm?cmd=DisplayProducts&ProdCatID=249&encProdID=4105F1B8AE65079CAD2D26735B83B302&DivisionID=65&isArchived=0>

As the vote by the members present December 20<sup>th</sup> to order this radio was quite numerous it shows the interest we have in this new technology is very strong. Also in the above LINK are tabs taking the reader to the FTR-400DR mobile and the FT2DR hand held. A “candy store” has been contacted asking about a bulk order discount. I await a reply from their management. During the January meeting a poll was taken with a ‘sign-up sheet’ passed to determine if we have a large enough interest to place a bulk order. At the February meeting I should have an update on the possibility of that bulk discount and the percentage we would get. That sheet may get passed again. Look over the LINKs provided to see if digital is in your future.

The installation and operators manuals have been downloaded and thoroughly read. The MARC Tech Committee is ready to complete the installation of the new Yaesu DR-1 repeater very shortly after we take delivery. Email notification will follow to the membership. Please Email reception reports and general comments to: [trustee@midstatehams.org](mailto:trustee@midstatehams.org)  
Of note: The Yaesu digital technology is NOT compatible with D-Star. But reports from Steve, ND9C and Rhonda, WS9H, are very favorable for audio quality. “Noticeably better than analog,” reports Steve.

Early March is the expected entry of digital radio into Johnson County.

*Chris, KQ9Y*

## Coffee Break Training –

Continuing our line of disaster response training and an overview of FEMA disaster assistance we are going to look at another topic that deserves mentioning. Simply – Legal Assistance! With all the legal ‘mombo jumbo’ and legal issues that can come up discussing your assistance application, one can be a little overwhelmed. Using a news release from a disaster declaration in Michigan last fall we see what. Below is the news release for this subject.

# Michigan Flood Survivors Can Get Free Legal Aid

## Main Content

Release date: October 30, 2014

Release Number: DR-4195-MI NR-020

**WARREN, Mich.** – Individuals who sustained damage from the August storms and flooding can call the Disaster Legal Services hotline at 844-451-0749 for free legal assistance and counseling.

Through the hotline, volunteer lawyers can help eligible survivors with legal issues related to the disaster. Volunteer lawyers can discuss insurance claims, landlord-tenant issues, consumer protection issues and the replacement of wills or other important documents that were lost or destroyed during the storm.

To be eligible for this free legal assistance, applicants must reside in one of the three counties designated for Individual Assistance under the federal disaster declaration for the August storms. The counties are Macomb, Oakland and Wayne.

Disaster Legal Services is a federally funded program run under an agreement between the American Bar Association's Young Lawyers Division and the Federal Emergency Management Agency (FEMA).

Individuals also can register for disaster assistance online at [www.DisasterAssistance.gov](http://www.DisasterAssistance.gov) or via smart phone, tablet or web-enabled device at m.fema.gov. Applicants may also call 800-621-3362 or (TTY) users call 800-462-7585. The toll-free telephone numbers will operate from 7 a.m. to 11 p.m. EDT seven days a week until further notice.



## FEBUARY 2015

**Once again it is time to renew your membership to the  
Mid-State Amateur Radio Club.**

**Dues are still just \$ 18.00 per year!**

**Please see Cy Young N9CHY before or after the meeting.  
You may also mail in your dues to:**

**M.A.R.C.  
P. O. Box 836  
Franklin, Indiana 46131  
Att: Cy Young N9CHY**

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## **NO MORE MORSE CODE!!**

**On February 23, 2007, the Federal Communications Commission (FCC)  
eliminated Morse code testing for the Amateur Radio Service!**

The Mid-State Amateur Radio Club is offering a 1-day review on the Technician Class amateur radio test on Saturday March 14th, 2015. The program is scheduled to begin at 8am in the Community Room at White River Twp Fire Department Station 53 located at the intersection of Smith Valley Road and State Road 37. The address is 850 S. Mullinix, Greenwood, IN 46143. Persons that pass their test will be entered in a drawing to get a Baofeng UV5R dual band 2m/440 portable radio.

### **Important Registration Information:**

- ✓ Class size is limited. To enroll, [click here to email the Club Secretary](#).
- ✓ This is a review and test preparation session only. It is not a class to teach the material. It will be an intense 8 hour review with license testing at the end of the day!
- ✓ Class is free but students need to purchase the ARRL 3<sup>rd</sup> Edition [Ham Radio License Manual](#) and study before the review session.
- ✓ Students may also get the KB6NU's [No-Nonsense Study Guide](#) to study prior to the program for free!

## **Amateur Radio Newsline – BACK ON THE AIR!!**

**As of Jan 24, 2015 - Nice to see you back!!**

**More at [www.arnewsline.org](http://www.arnewsline.org)**



Image source - with permission : [www.arnewsline.org](http://www.arnewsline.org)

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## **New version of DXMonitor**

**Peter, VE3SUN , has released an updated version of his extremely useful programme DXMonitor.**

DXMonitor is a standalone Windows program which monitors the DX announcements available on the internet at DX Summit, HB9DRV and connections to one or more local and international DX Cluster Telnet Servers.

New DX spots are displayed in the main window with user selectable bands, fonts, colors, and highlighting of alerts and local spotters. A band map tracks the current stations on the air by frequency. Maps show the openings with buttons to select bands and times.

The predicted signal strength of the spotted station at your QTH can be displayed with each spot. A 24 hour propagation prediction by band takes only one click.

DX Monitor builds a database of DX Spots, Announcements, and WWV information and includes many tools which can be used by DXers to improve their chances of working a new country.

The latest improvement enables import of spots from DXSummit from as far back as 1994 up to the current date, with time, date, band, callsign and many other filters.

..... Southgate Amateur Radio News ----- February 11, 2015

# 2014 Indiana Hamfests and Convention

## 02/14/2015 | [Hendricks County Hamfest](#)

**Location:** Brownsburg, IN

**Type:** ARRL Hamfest

**Sponsor:** Hendricks County Amateur Radio Society

**Website:** <http://www.hcars.org/>

## 02/28/2015 | [DARC Hamfest](#)

**Location:** Dugger, IN

**Type:** ARRL Hamfest

**Sponsor:** Dugger ARC

## 03/14/2015 | [Terre Haute Hamfest](#)

**Location:** Brazil, IN

**Type:** ARRL Hamfest

**Sponsor:** Wabash Valley ARA

**Website:** <http://w9uuu.org>

## 03/28/2015 | [32nd Annual Columbus ARC 2015 Hamfest](#)

**Location:** Columbus, IN

**Type:** ARRL Hamfest

**Sponsor:** Columbus Amateur Radio Club

**Website:** <http://carnet.net>

## 04/18/2015 | [North Central Indiana Hamfest](#)

**Location:** Peru, IN

**Type:** ARRL Hamfest

**Sponsor:** Kokomo ARC, Cass County ARC, Grant County ARC, & Miami County ARC

**Website:** <http://nci-hamfest.net>

## 07/11/2015 | [Indianapolis Hamfest](#)

**Location:** Indianapolis, IN

**Type:** ARRL Hamfest

**Sponsor:** Indianapolis Amateur Radio Association

**Website:** <http://www.indyhamfest.com>

## 11/14/2015 | [Indiana State Convention \(Fort Wayne Hamfest & Computer Expo\)](#)

**Location:** Fort Wayne, IN

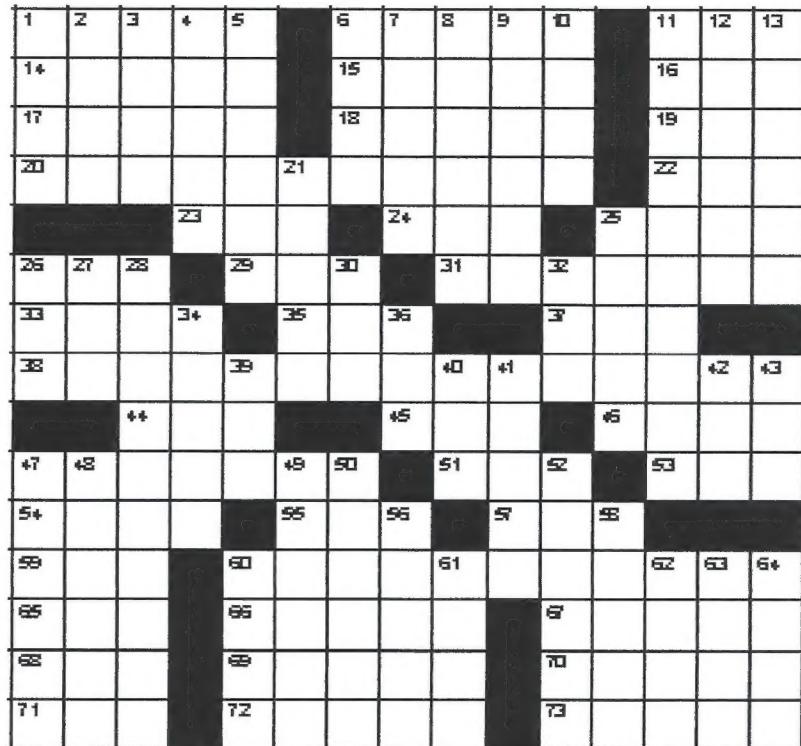
**Type:** ARRL Convention pending Executive Committee approval

**Sponsor:** Allen County Amateur Radio Technical Society

**Website:** <http://www.fortwaynehamfest.com>

**Ham Humor, Part 2****Across**

1. Remembered place in WS-land
6. Sprays
11. Smallrigs
14. F3 compared with A1, say
15. HPM call sign, once
16. Deleted entity island, with Abu
17. A4 denizen
18. J6 name
19. 9/11 year
20. Frequent author in 60-across
22. F9 wine
23. An Hfollower
24. W1 to CN dir
25. I-land god
26. UTC predecessor
29. Thyristortype
31. News
33. Detect after the detector
35. Famous W4 suffix (SK)
37. Cyber attacker, with net
38. What 20 across' articles described
44. Alpha male suffix?
45. Former F coin
46. CW, to FCC
47. Adobe product
51. Dir. for HL from W2
53. WS ARRL sect.
54. Sinister look
55. OSCAR, for one
57. Ham equipment dealer
59. Sometimes accompanies a QSL with an SAE
60. Frequent place for ham humor



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|------------------------|---------------------|--------------|-------------------------------------|-----------------------|------------------------------|---------------------------|-------------------------|------------------------|---------------------|----------------|---------------------------------|-------------------------|----------------------------|------------------|-----------------------------|---------------------|---------------------|---------------------------------|--------------------------------------|----------------------------|----------------------------|-----------------------------|---------------------|---------------------|------------------------|--------------------------------------|-------------------------|----------------------------|-------------------------------------|----------------------|------------|-----------------------|----------------|-------------------------|----------------------------|-------------------------------------|----------------------|------------------|---------------------|---------------------|----------------|------------|-------------|----------------------|------------------|---------------------|---------------------|
| 65. Opposite of paleo- | 66. Elmer, in a way | 67. VOA part | 68. Diamond or Comet mounting place | 69. Equatorial prefix | 70. 720 and 753, for example | 71. Opposite of 65 across | 72. Amplifier, slangily | 73. Sloper orientation | 6. Trig ratio       | 9. BV city     | 10. Shop partner, on a ret, say | 11. Takes place at Hara | 12. It's everything, often | 13. Collins sets | 21. Scratches, as to a wire | 25. Flora and fauna | 26. JK predecessors | 27. Storage, for short          | 28. What we did before wav,mp3, etc. | 30. Hambane                | 32. Ant. performance meas. | 34. Yagi yarrow             | 36. KB2GSD network  | 39. Weep            | 40. Skywave reflector  | 41. EME path                         | 42. Suffix with persist | 43. Driver's license datum | 47. Maker of 11 across, for example | 48. Some like it hot | 49. Per se | 50. Ann art           | 52. Interlaces | 56. Iceland ID          | 58. Go bad                 | 60. Locales                         | 61. Loads from lobes | 62. TI last name | 63. Desktop feature | 64. "___ we forgot" |                |            |             |                      |                  |                     |                     |
| <b>Down</b>            |                     |              |                                     |                       |                              |                           |                         |                        | 1. Roll call misser | 2. Before mike | 3. 4Xmonth                      | 4. The brainy bunch     | 5. Tennessee transceivers  | 6. XE sauce      | 7. Accustom (to)            | 8. Trig ratio       | 9. BV city          | 10. Shop partner, on a ret, say | 11. Takes place at Hara              | 12. It's everything, often | 13. Collins sets           | 21. Scratches, as to a wire | 25. Flora and fauna | 26. JK predecessors | 27. Storage, for short | 28. What we did before wav,mp3, etc. | 30. Hambane             | 32. Ant. performance meas. | 34. Yagi yarrow                     | 36. KB2GSD network   | 39. Weep   | 40. Skywave reflector | 41. EME path   | 42. Suffix with persist | 43. Driver's license datum | 47. Maker of 11 across, for example | 48. Some like it hot | 49. Per se       | 50. Ann art         | 52. Interlaces      | 56. Iceland ID | 58. Go bad | 60. Locales | 61. Loads from lobes | 62. TI last name | 63. Desktop feature | 64. "___ we forgot" |

## MID-STATE AMATEUR RADIO CLUB

The Mid-State Amateur Radio Club meets the THIRD SATURDAY of each month  
in the basement of the Johnson County Emergency Management Agency,  
1111 Hospital Road, Franklin, Indiana 46131.

See our website, [www.midstatehams.org](http://www.midstatehams.org), for maps on how to get to our meeting.

Everyone is welcome; you do not have to be a HAM to attend our meetings or a member of the club.

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**WA9RDF**  
**Repeater**  
**146.835/**  
**146.235 MHz**  
**151.4 Hz PL Tone**

**Club Officers:**  
**President: Jacki Frederick – KI6QOG**  
**Vice President: Dave Daily – KB9LOT**  
**Secretary: Rhonda Curtis– WS9H**  
**Treasurer: Cy Young – N9CHY**  
**Repeater Trustee - Chris Frederick – KQ9Y**

***Weekly Net: Sunday evening 7:00 PM ARES/RACES members and ALL RADIO AMATEURS***

***The Official Newsletter of the Mid-State Amateur Radio Club***

*P.O. Box 836  
Franklin, Indiana  
46131*

***Editor: Robert LaGrange N9SIU***

***Please send your articles to my email [n9siu@yahoo.com](mailto:n9siu@yahoo.com)  
no later than the 3<sup>rd</sup> of the month***



ANSWER TO HAM HUMOR PART 2:

A	L	A	M	O	M	I	S	T	S	H	T	S		
W	I	D	E	R	O	N	E	A	W	A	I	L		
O	M	A	N	I	L	U	C	I	A	M	M	I		
L	A	R	S	O	N	E	R	A	P	P	V	I	N	
					A	N	I	E	N	E	B	E	N	E
G	M	T		S	C	R		T	I	D	I	N	G	S
H	E	A	R		K	F	C		B	O	T			
I	M	P	O	S	S	I	B	I	L	I	T	I	E	S
		E	T	O		S	O	U		A	O	N	E	
A	C	R	O	B	A	T		N	N	W		N	T	X
L	E	E	R		S	A	T		A	E	S			
I	R	C		Q	S	T	F	O	R	A	P	R	I	L
N	E	O		T	U	T	O	R		V	O	I	C	E
C	A	R		H	C	O	N	E		E	I	C	O	S
O	L	D		S	H	O	E	S		S	L	A	N	T

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